

E-Series 2-Way 0° Power Divider

5 - 1000 MHz

ESSMJ-2-10-75

V3.00

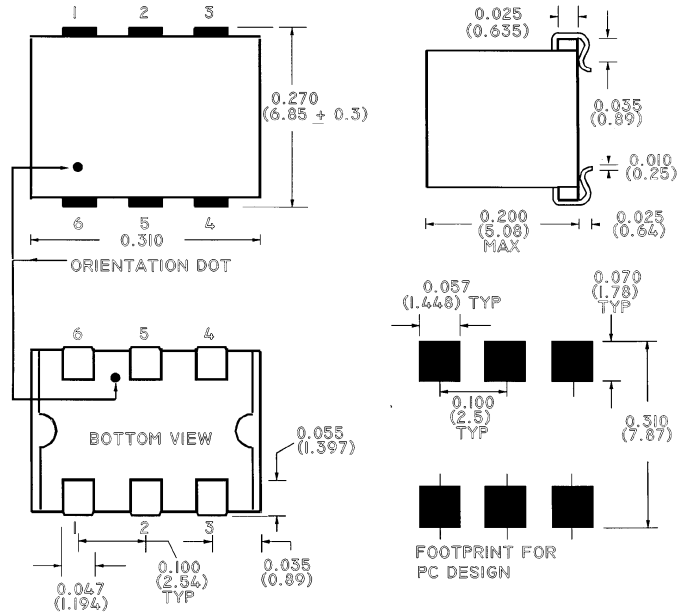
Features

- 2 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 1000 MHz		
Insertion Loss	Typical	Maximum	
	5 - 50 MHz	0.2 dB	0.5 dB
	50 - 500 MHz	0.4 dB	0.8 dB
	500 - 1000 MHz	0.7 dB	1.3 dB
Isolation	Typical	Minimum	
	5 - 50 MHz	26 dB	20 dB
	50 - 500 MHz	29 dB	22 dB
	500 - 1000 MHz	22 dB	16 dB
Amplitude Unbalance	Maximum		
	5 - 50 MHz	0.1 dB	
	50 - 500 MHz	0.3 dB	
	500 - 1000 MHz	0.7 dB	
Phase Unbalance	Maximum		
	5 - 50 MHz	1°	
	50 - 500 MHz	3°	
	500 - 1000 MHz	5°	
Return Loss	Minimum		
	I/P	12 dB	
	O/P	15 dB	

SM-44



Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

Operating Characteristics

Impedance	75 Ohms Nominal
-----------	-----------------

Ordering Information

Part No.	Packaging
ESSMJ-2-10-75	Tube

Absolute Maximum Ratings

Parameter	Absolute Maximum
Maximum Power Rating	1 Watt
Internal Load Dissipation	0.125 Watt
Pin Temp (10 sec)	260°C
Storage Temperature	-55°C to 100°C
Operating Temperature	0°C to 70°C

Pin Configuration

Function	Pin No.
Not Connected	2,5
Ground	1
Input	6
Port 1	4
Port 2	3

S 0952 B

Specifications Subject to Change Without Notice.

M/A-COM, Inc.

North America: Tel. (800) 366-2266 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 ■ Europe: Tel. +44 (1344) 869 595
Fax (800) 618-8883 Fax +81 (03) 3226-1451 Fax +44 (1344) 300 020